

**As a below-named inventor, I hereby declare that:**

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PRECURSOR MATERIAL DELIVERY SYSTEM FOR ATOMIC LAYER DEPOSITION, the specification of which

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional applications(s) listed below:

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, or § 365(c) of any PCT international application designating the United States of America listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>10/400,054</u>	<u>March 25, 2003</u>	<u>Pending</u>
(Application No.)	(Filing Date)	(Status--patented, pending, abandoned)
 <u>                    </u>	 <u>                    </u>	 <u>                    </u>
(Application No.)	(Filing Date)	(Status--patented, pending, abandoned)

Direct all telephone calls to Kassim M. Ferris at (503) 224-3380. Address all correspondence to customer number 3528:

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268

I understand that execution of this declaration is required by the patent laws and that this document does not create any attorney-client relationship between me and any of the attorneys of Stoel Rives LLP.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of sole or first inventor: Bradley J. Aitchison

Inventor's signature: Bradley J. Aitchison 10/28/03  
Date

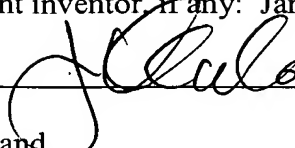
Residence: Eugene, Oregon

Citizenship: United States

Postal Address: 5501 Jeffrey Way, Eugene Oregon 97402

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Full name of second joint inventor, if any: Jarmo Maula

Inventor's signature: 

28 OCT 2003

Date

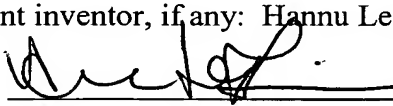
Residence: Espoo, Finland

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Postal Address: Reunaniitty 3 O, 02200 Espoo, Finland

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Full name of third joint inventor, if any: Hannu Leskinen

Inventor's signature: 

30 oct 2003

Date

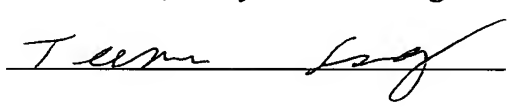
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Postal Address: Jaakkimantie 24 H 69, 02140 Espoo, Finland

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Full name of fourth joint inventor, if any: Teemu Lang

Inventor's signature: 

30 Oct. 2003

Date

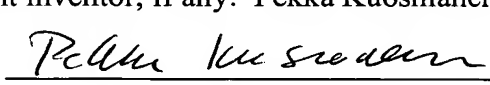
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Full name of fifth joint inventor, if any: Pekka Kuosmanen

Inventor's signature: 

30 OCT. 2003

Date

Residence: Espoo, Finland

Citizenship: Finland

Postal Address: Päivänkajontie 8 B 18, 02210 Espoo, Finland

Full name of sixth joint inventor, if any: Kari Härkönen

Inventor's signature: Kari Härkönen

30 OCTOBER 20

Date

Residence: Kauniainen, Finland

Citizenship: Finland

Postal Address: Asematie 27 A, 02700 Kauniainen, Finland

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Full name of seventh joint inventor, if any: Martti Sonninen

Inventor's signature: Martti

30 OCTOBER 2003

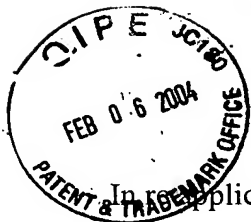
Date

Residence: Espoo, Finland

Citizenship: Finland

Postal Address: Järvikorpi 12, 02360 Espoo, Finland

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

**Bradley J. Aitchison, Jarmo Maula, Hannu Leskinen, Teemu  
Lang, Pekka Kuosmanen, Kari Härkönen, and Martti Sonninen**

Application No. 10/660,365

Filed: September 10, 2003

For: **PRECURSOR MATERIAL DELIVERY SYSTEM  
FOR ATOMIC LAYER DEPOSITION**

Attorney Docket No. 11429/12:2

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE  
INTEREST (REVOCATION OF PRIOR POWERS)**

TO THE COMMISSIONER FOR PATENTS:

Planar Systems, Inc., assignee of the entire interest of the above-identified patent application, hereby revokes all powers of attorney previously given in the above-identified application and appoints the practitioners of Stoel Rives LLP, USPTO Customer No. **3528**, as its attorneys and agents, with full power of substitution and revocation, to prosecute and transact all business connected therewith in the U.S. Patent and Trademark Office, and to do all things necessary before any competent International Authorities in connection with any corresponding international patent application(s).

Please change the correspondence address for the above-identified application to the address associated with USPTO Customer No. **3528**:

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268

Direct all telephone calls to Kassim M. Ferris at (503) 224-3380.

Statement Under 37 CFR§3.73(b): Planar Systems, Inc. states that it is assignee of the entire right, title, and interest in the application identified above by virtue of document(s) establishing a chain of title from the inventor(s) to the assignee, which:

- ☐ is/are filed for recordation herewith;  
☐ was/were recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
☒ has/have been sent for recordation under separate cover, copy attached herewith.

The undersigned is empowered to sign this document on behalf of the assignee.

**Planar Systems, Inc.**

By Christopher N. King  
Christopher N. King,  
Executive Vice President & CTO

Date: October 30, 2003

COPY

ASSIGNMENT

WHEREAS, we, Bradley J. Aitchison, of Eugene, Oregon, Jarmo Maula, of Espoo, Finland, Hannu Leskinen, of Espoo, Finland, Teemu Lang, of Helsinki, Finland, Pekka Kuosmanen, of Espoo, Finland, Kari Härkönen, of Kauniainen, Finland, and Martti Sonninen, of Espoo, Finland, have made inventions described in United States provisional patent application No. 60/410,067, filed September 11, 2002, and in a United States nonprovisional patent application entitled PRECURSOR MATERIAL DELIVERY SYSTEM FOR ATOMIC LAYER DEPOSITION, filed September 10, 2003, allotted Application No. 10/660,365, and claiming priority from provisional patent application No. 60/410,067; and

WHEREAS, Planar Systems, Inc., an Oregon corporation, having a place of business at 1195 NW Compton Way, Beaverton, OR 97006, USA, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Bradley J. Aitchison, Jarmo Maula, Hannu Leskinen, Teemu Lang, Pekka Kuosmanen, Kari Härkönen, and Martti Sonninen, hereby sell, assign, and transfer to Planar Systems, Inc. the full and exclusive right, title, and interest in and to said inventions, said provisional patent application, said nonprovisional patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in our names or in the name of Planar Systems, Inc., and further including all nonprovisional, divisional, and continuation applications deriving priority from said provisional patent application and/or said nonprovisional patent application, and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by Planar Systems, Inc., for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will communicate to Planar Systems, Inc., and its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful nonprovisional, divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid Planar Systems, Inc., and its successors and assigns, to obtain and enforce proper patent

protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at \_\_\_\_\_, Oregon, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Bradley J. Aitchison

Executed at ESPOO, Finland, this 28<sup>th</sup> day of OCTOBER, 2003.

\_\_\_\_\_  
Jarmo Maula

Executed at Espoo, Finland, this 30 day of Oct, 2003.

\_\_\_\_\_  
Hannu Leskinen

Executed at Espoo, Finland, this 30 day of october, 2003.

\_\_\_\_\_  
Teemu Lang

Executed at ESPOO, Finland, this 30<sup>th</sup> day of OCTOBER, 2003.

\_\_\_\_\_  
Pekka Kuosmanen

Executed at ESPOO, Finland, this 30 day of OCTOBER, 2003.

Kari Härkönen  
Kari Härkönen

Executed at ESPOO, Finland, this 30 day of OCTOBER, 2003.

Martti L  
Martti Sonninen

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Attorney Docket No.: 11429/12:2



COPY

ASSIGNMENT

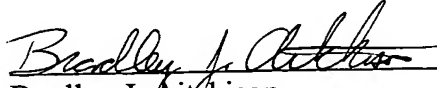
WHEREAS, we, Bradley J. Aitchison, of Eugene, Oregon, Jarmo Maula, of Espoo, Finland, Hannu Leskinen, of Espoo, Finland, Teemu Lang, of Helsinki, Finland, Pekka Kuosmanen, of Espoo, Finland, Kari Härkönen, of Kauniainen, Finland, and Martti Sonninen, of Espoo, Finland, have made inventions described in United States provisional patent application No. 60/410,067, filed September 11, 2002, and in a United States nonprovisional patent application entitled PRECURSOR MATERIAL DELIVERY SYSTEM FOR ATOMIC LAYER DEPOSITION, filed September 10, 2003, allotted Application No. 10/660,365, and claiming priority from provisional patent application No. 60/410,067; and

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Bradley J. Aitchison, Jarmo Maula, Hannu Leskinen, Teemu Lang, Pekka Kuosmanen, Kari Härkönen, and Martti Sonninen, hereby sell, assign, and transfer to Planar Systems, Inc. the full and exclusive right, title, and interest in and to said inventions, said provisional patent application, said nonprovisional patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in our names or in the name of Planar Systems, Inc., and further including all nonprovisional, divisional, and continuation applications deriving priority from said provisional patent application and/or said nonprovisional patent application, and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by Planar Systems, Inc., for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will communicate to Planar Systems, Inc., and its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful nonprovisional, divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid Planar Systems, Inc., and its successors and assigns, to obtain and enforce proper patent

protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at Eugene, Oregon, this 28<sup>th</sup> day of October, 2003.

  
\_\_\_\_\_  
Bradley J. Aitchison

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Jarmo Maula

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Hannu Leskinen

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Teemu Lang

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Pekka Kuosmanen

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Kari Härkönen

Executed at \_\_\_\_\_, Finland, this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Martti Sonninen

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